

WS 7 - Factoring

Date_____ Period_____

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Factor each completely. Use the "ac 7 b" method or the area method. Do at least two of each method.

1) $p^2 - 13p + 30$

2) $a^2 - 5a - 36$

3) $n^2 - 14n + 40$

4) $x^2 - 4x + 4$

5) $n^2 - 14n + 49$

6) $r^2 - r - 12$

7) $r^2 - 2r + 1$

8) $b^2 + 4b - 60$

9) $x^2 - 4x - 5$

10) $a^2 + 8a + 7$

11) $6x^2 - 6x - 540$

12) $r^2 - 11r + 28$

13) $5b^2 + 10b - 15$

14) $b^2 - 2b - 63$

15) $x^2 - 11x + 10$

16) $6r^2 - 60r + 126$